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TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION:  US/09/641,931C

DATE: 04/08/2002
TIME: 10:36:32

#11

Input Set : A:\Robic1.app
Output Set: N:\CRF3\04082002\I641931C.raw

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 3 <110> APPLICANT: Phenogene Therapeutiques Inc.
 5 <120> TITLE OF INVENTION: Nucleic Acid Molecule, Method and Kit for Selecting a
 6       Nucleic Acid Having A Desired Feature
 8 <130> FILE REFERENCE: 2003390-0001
10 <140> CURRENT APPLICATION NUMBER: 09/641,931C
11 <141> CURRENT FILING DATE: 2000-08-18
13 <160> NUMBER OF SEQ ID NOS: 32
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 24
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: sequence is completely synthesized
25 <400> SEQUENCE: 1
26 ggatccaata gaggattctt taac                                        24
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 21
31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: sequence is completely synthesized
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38 tcaccactct tctgtccctt c                                           21
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 25
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: sequence is completely synthesized
49 <400> SEQUENCE: 3
50 ggatcctacg aacatgcgac cactg                                       25
53 <210> SEQ ID NO: 4
54 <211> LENGTH: 21
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: sequence is completely synthesized
61 <400> SEQUENCE: 4
62 tcatcttcgt gtgctagtca g                                           21
65 <210> SEQ ID NO: 5
66 <211> LENGTH: 30
67 <212> TYPE: DNA
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70 <220> FEATURE:
71 <223> OTHER INFORMATION: sequence is completely synthesized
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77 <210> SEQ ID NO: 6
78 <211> LENGTH: 30
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: sequence is completely synthesized
85 <400> SEQUENCE: 6
86 gctctcgagg aaggcacagc tgctttccac                              30
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 30
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: sequence is completely synthesized
97 <400> SEQUENCE: 7
98 cttctcgagc agtttaaacg tgagcttccc                              30
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 30
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: sequence is completely synthesized
109 <400> SEQUENCE: 8
110 acgtctagat catcttcgtg tgctagtcag                             30
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 47
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: sequence is completely synthesized
121 <400> SEQUENCE: 9
122 tcgagcagat ctgcagcacc actggtcacg gcaatgtgtc ggagcgg          47
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 43
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER ·INFORMATION: sequence is completely sunthesized
133 <400> SEQUENCE: 10
134 ccgctccgac acattgccgt gaccagtggt gctgcagatc tgc              43
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 60
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
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142 <220> FEATURE:
143 <223> OTHER INFORMATION: sequence is completely synthesized
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149 <210> SEQ ID NO: 12
150 <211> LENGTH: 28
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: sequence is completely synthesized
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158 ccagagctca tgcggaccac tcttctgt                              28
161 <210> SEQ ID NO: 13
162 <211> LENGTH: 24
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: sequence is completely synthesized
169 <400> SEQUENCE: 13
170 tcgcgattta aattaattaa gctt                                  24
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 24
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: sequence is completely synthesized
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185 <210> SEQ ID NO: 15
186 <211> LENGTH: 18
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: sequence is completely synthesized
193 <400> SEQUENCE: 15
194 agacgcgtag atctcacc                                         18
197 <210> SEQ ID NO: 16
198 <211> LENGTH: 20
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: sequence is completely synthesized
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209 <210> SEQ ID NO: 17
210 <211> LENGTH: 25
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
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217 <400> SEQUENCE: 17
218 tctagagatg cattatgcac atcag                                          25
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222 <211> LENGTH: 60
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: sequence is completely synthesized
229 <400> SEQUENCE: 18
230 tccaagccat cagaggggaa ataaagcatc tctacggtgg tcctaaatag tcagcatagt 60
233 <210> SEQ ID NO: 19
234 <211> LENGTH: 60
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: sequence is completely synthesized
241 <400> SEQUENCE: 19
242 actatgctga ctatttagga ccaccgtaga gatgctttat ttcccctctg atggcttgga 60
245 <210> SEQ ID NO: 20
246 <211> LENGTH: 20
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: sequence is completely synthesized
253 <400> SEQUENCE: 20
254 tagtcagcat agtacatttc                                                20
257 <210> SEQ ID NO: 21
258 <211> LENGTH: 51
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: sequence is completely synthesized
265 <400> SEQUENCE: 21
266 tcgatccgaa ttcgcggccg ctctattgga tcctcgagca gatctgcagc a            51
269 <210> SEQ ID NO: 22
270 <211> LENGTH: 148
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: sequence is completely synthesized
277 <400> SEQUENCE: 22
278 agatgaatca agcttatcga taccgtcgag catgcatcta ggtgtccaag ccatcagagg 60
279 ggaaataaag catctctacg gtggtcctaa atagtcagca tagtacattt catctgacta 120
280 atactacaac accaccacca tgaataga                                      148
283 <210> SEQ ID NO: 23
284 <211> LENGTH: 18
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
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288 <220> FEATURE:
289 <223> OTHER INFORMATION: sequence is completely synthesized
291 <400> SEQUENCE: 23
292 gagtggtccg catggtga                                              18
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 54
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: sequence is completely synthesized
303 <400> SEQUENCE: 24
304 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaggggaatt tcgcgattta aatt       54
307 <210> SEQ ID NO: 25
308 <211> LENGTH: 48
309 <212> TYPE: DNA
310 <213> ORGANISM: Sindbis virus
312 <220> FEATURE:
313 <223> OTHER INFORMATION: sequence is completely synthesized
315 <400> SEQUENCE: 25
316 tctgcagcac cactggtcac ggcaatgtgt ttgctcggaa atgtgagc            48
319 <210> SEQ ID NO: 26
320 <211> LENGTH: 16
321 <212> TYPE: PRT
322 <213> ORGANISM: Sindbis virus
324 <220> FEATURE:
325 <223> OTHER INFORMATION: sequence is completely synthesized
327 <400> SEQUENCE: 26
328 Ser Ala Ala Pro Leu Val Thr Ala Met Cys Leu Leu Gly Asn Val Ser
329  1               5                  10                  15
332 <210> SEQ ID NO: 27
333 <211> LENGTH: 48
334 <212> TYPE: DNA
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: sequence is completely synthesized
340 <400> SEQUENCE: 27
341 tctgcagcac cactggtcac ggcaatgtgt cggagcggaa atgtgagc            48
344 <210> SEQ ID NO: 28
345 <211> LENGTH: 16
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: sequence is completely synthesized
352 <400> SEQUENCE: 28
353 Ser Ala Ala Pro Leu Val Thr Ala Met Cys Arg Ser Gly Asn Val Ser
354  1               5                  10                  15
357 <210> SEQ ID NO: 29
358 <211> LENGTH: 44
359 <212> TYPE: DNA
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**VERIFICATION SUMMARY**                     DATE: 04/08/2002
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